

FORM PTO-1449

U. S DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 014742-0

10/629,309

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

J.R. PATIL et al.

FILING DATE

GROUP

July 29, 2003

1646

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
AA	53-148543	12/1978	JP		X
AB	63221834	09/1988	JP		X

## OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

PK	AC	Japanese Patent 53-148543, dated December 25, 1978, with corresponding Chemical Abstract 90:142065
	AD	English Abstract of JP 63221834, dated September 14, 1988
	AE	Patil, J.R. and B.A. Chopade, "Studies on bioemulsifier production by <i>Acinetobacter</i> strains isolated from healthy human skin", <i>Journal of Applied Microbiology</i> , (2001), 91: 290-298
	AF	Baumann, Paul, "Isolation of <i>Acinetobacter</i> from Soil and Water", <i>Journal of Bacteriology</i> , (1968), 96 (1): 39-42
	AG	Berlau, J. et al. "Distribution of <i>Acinetobacter</i> Species on Skin of Healthy Humans", <i>Eur. J. Clin. Microbiol. Infect. Dis.</i> , (1999), 18:179-183
	AH	Bouvet, P.J.M. and P.A.D. Grimont, "Taxonomy of the Genus <i>Acinetobacter</i> with the Recognition of <i>Acinetobacter baumannii</i> sp. nov., <i>Acinetobacter haemolyticus</i> sp. nov., <i>Acinetobacter johnsonii</i> , sp. nov., and <i>Acinetobacter junii</i> sp. nov....", <i>Int'l. J. Systematic Bacteriol.</i> , (1986), 36: 228-240
	AI	Bouvet, P.J.M. and P.A.D. Grimont, "Identification and Biotyping of Clinical Isolates of <i>Acinetobacter</i> ", <i>Ann. Inst. Pasteur/Microbiol.</i> , (1987), 138: 569-578
	AJ	<u>The Merck Index: An Encyclopedia of Chemicals, Drugs and Biologicals</u> , Twelfth Ed., Budaveri, et al. Editors. Merck & Co., Inc., 1996. Pages 55, 312-313, 1163-1164, 1173, 1202, Misc. 42-45
	AK	Chu, Y.W. et al. "Skin Carriage of <i>Acinetobacter</i> in Hong Kong", <i>Journal of Clinical Microbiology</i> , (1999), 37 (9): 2962-2967
	AL	Dubois, Michel et al. "Colorimetric Method for Determination of Sugars and Related Substances", <i>Analytical Chemistry</i> , (1956) 28: 350-356
	AM	Foght, Julia et al. "Effect of Emulsan on Biodegradation of Crude Oil by Pure and Mixed Bacterial Cultures", <i>Applied and Environmental Microbiology</i> , (1989), 55: 36-42
	AN	Gutnick, D. L. and Eugene Rosenberg. "Oil Tankers and Pollution: Microbiological Approach", <i>Annual Review of Microbiology</i> , (1977), 31: 379-396
	AO	Juni, Elliott. "Interspecies Transformation of <i>Acinetobacter</i> : Genetic Evidence for a Ubiquitous Gene", <i>Journal of Bacteriology</i> , (1972), 112: 917-931

EXAMINER

Florence Koss

DATE CONSIDERED 1/24/05

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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R/E	AC	Kaplan, Nachum and Eugene Rosenberg. "Exopolysaccharide Distribution and Bioemulsifier Production by <i>Acinetobacter calcoaceticus</i> BD4 and BD413", <i>Appl. Environ. Microbiol.</i> , (1982), 44(6): 1135-1341
.	AD	Kaplan, Nachum et al. "Reconstitution of Emulsifying Activity of <i>acinetobacter calcoaceticus</i> BD4 Emulsan by Using Pure Polysaccharide and Protein", <i>Appl. Environ. Microbiol.</i> , (1987), 53(2): 440-446
.	AE	Lowry, Oliver H. et al. "Protein Measurement with the Folin Phenol Reagent", <i>J. Biological Chemistry</i> , (1951), 193: 265-275
	AF	Monreal, Jaime and Elwyn T. Reese. "The chitinase of <i>Serratia marcescens</i> ", <i>Canadian J. Microbiology</i> , (1969), 15: 689-696
	AG	Navon-Venezia, S. et al. "Alasan, A New Bioemulsifier from <i>Acinetobacter radioresistens</i> ", <i>Appl. Environ. Microbiol.</i> , (1995), 61(9): 3240-3244
	AH	Pines, O. and D. Gutnick. "Role for Emulsan in Growth of <i>Acinetobacter calcoaceticus</i> RAG-1 on Crude Oil", <i>Appl. Environ. Microbiol.</i> , (1986), 51(3): 661-663
	AI	Reddy, P.G. et al. "Isolation and Functional Characterization of Hydrocarbon Emulsifying and Solubilizing Factors Produced by a <i>Pseudomonas</i> Species", <i>Biotechnology and Bioengineering</i> , (1983), 25: 387-401
	AJ	Rosenberg, Eugene, "Microbial Surfactants", <i>Critical Reviews in Biotechnology</i> , (196), 3: 109-132
	AK	Rosenberg, E. et al. "Emulsifier of <i>Arthrobacter</i> RAG-1: Isolation and Emulsifying Properties", <i>Appl. Environ. Microbiol.</i> , (1979), 37(3): 402-408
	AL	Rosenberg, E. et al. "Emulsifier of <i>Arthrobacter</i> RAG-1: Specificity of Hydrocarbon Substrate", <i>Appl. Environ. Microbiol.</i> , (1979), 37: 409-413
	AM	Rosenberg, M., D. Gutnick and E. Rosenberg. "Adherence of Bacteria to Hydrocarbons: A Simple Method for Measuring Cell Surface Hydrophobicity", <i>FEMS Microbiol. Letters</i> , (1980), 9: 29-33
	AN	Rubinovitz, C. et al. "Emulsan Production by <i>Acinetobacter calcoaceticus</i> in the Presence of Chloramphenicol", <i>J. Bacteriol.</i> , (1982), 152(1): 126-132
✓	AO	Sar, Nechemia and Eugene Rosenberg. "Emulsifier Production by <i>Acinetobacter calcoaceticus</i> Strains", <i>Current Microbiology</i> , (1983), 9: 309-314

EXAMINER

Kasame Kason

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rk	AC	Seifert, Harald, et al. "Distribution of <i>Acinetobacter</i> Species on Human Skin: Comparison of Phenotypic and Genotypic Identification Methods", <i>J. Clinical Microbiol.</i> , (1997), 35(11): 2819-2825
.	AD	Shabtai, Yossef and David\ L. Gutnick, "Exocellular Esterase and Emulsan Release from the Cell Surface <i>Acinetobacter calcoaceticus</i> ", <i>J. Bacteriology</i> , (1985), 161: 1176-1181
.	AE	Shabtai, Josef et al. "Emulsan: A Case Study of Microbial Capsule as Industrial Products", Symposium: Extracellular Microbial Polysaccharides, 291-307
	AF	Strauss, John S. et al. "Skin Lipids and Acne", <i>Annual Review of Medicine</i> , (1975), 27-32
	AG	Zosim, Zinaida et al. "Properties of Hydrocarbon-in-Water Emulsions Stabilized by <i>Acinetobacter</i> RAG-1 Emulsan", <i>Biotechnology and Bioengineering</i> , (1982), 24: 281-292
	AH	Zuckerberg, A. et al. "Emulsifier of <i>Arthrobacter</i> RAG-1: Chemical and Physical Properties", <i>Appl. Environ. Microbiol.</i> , (1979), 37(3): 414-420
✓	AI	Abstract of Shi, Y.P. et al. "A bacterial lipopolysaccharide emulsifier", <i>Chinese J. Biotechnology</i> , (1989), 5(4): 231-240.
	AJ	
	AK	
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EXAMINER


Resame Kossar

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11/24/05

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	AM				
	AN				
	AO				
	AP				
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Rk	AR	DOWNING D.T., ET AL; "LIPIDS OF THE EPIDERMIS AND THE SEBACEOUS GLANDS"; IN FITZPATRICK'S DERMATOLOGY IN GENERAL MEDICINE; FIFTH EDITION; NEW YORK; MCGRAW HILL; 1999; PP144-155			
	AS				
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EXAMINER <i>Rosanne Kossow</i>			DATE CONSIDERED 1/24/05		
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